

Docket No.: 132446
Serial No.: 10/605,909

REMARKS/ARGUMENTS

Twelve claims (1, 2, 4-6, and 10-16) are pending in the application, including four independent claims. Apparatus Claims 1-13 are cancelled without prejudice. New method claims 17-19, including one independent claim are added. No claim fees are believed due.

Remarks regarding the Claim Amendments

The minor amendment to Claim 14 is made to clarify that the machining interface is disposed on the metalworking tool.

Applicants list below the proposed new claims 17-19, along with the reference in the specification for direct support, to assist the Examiner in assessing the §112 requirements of the proposed new claims.

17. (New) The method according to Claim 14 wherein the flow passage that leads to the outlet is configured with parallel sidewalls and a constant cross-sectional profile, for emitting a stream of a cooling liquid having a profile with the same width and height. *[support at end of para 0031, last sentence]*

18. (New) A method for aligning a cooling nozzle for supplying coolant to a machining interface of a metalworking tool during the machining of a workpiece, comprising the steps of: *[support at para 0039]*

- 1) providing a holder for a workpiece and a workpiece, *[support in Claim 14]*
- 2) providing a metalworking tool having a machining interface configured to engage the workpiece along the machining interface to remove metal from the workpiece, *[support in Claim 14]*
- 3) providing a coolant nozzle comprising a nozzle body having a flow passage with an inlet and an outlet, and a laser bore in fluid communication with the flow passage and a line of sight with the flow passage outlet, *[support in original Claim 1, and para. 0033]*
- 4) inserting a visible laser into the bore in a stationary position for emitting a laser beam that cooperates with the outlet on the nozzle body for visually positioning the nozzle relative

Docket No.: 132446
Serial No.: 10/605,909

to the metalworking tool, *[support in original Claim 1, in para 0025, last 2 sentences and para. 0026 first sentence]*

5) manually positioning the nozzle so that the visible laser beam passes to a machining reference point on the machining interface of the metalworking tool, *[support in para. 0026, fourth sentence, and para 0027, first sentence]*

6) securing the nozzle in position, *[support in para 0039, next to the last sentence]* and

7) removing the visible laser and inserting and securing a removable plug to seal the laser bore, *[support in para 0039, next to the last sentence]*

whereby the coolant nozzle is properly targeted to emit the coolant stream at the machining interface. *[support in para 0026, last sentence]*

19. (New) The method according to Claim 18 wherein the emitted visible laser beam passes through a stream reference point on the periphery of the outlet of the nozzle. *[support in para 0026, 2nd sentence]*

Applicants assert that no new matter has been added.

Applicants respectfully request the Examiner's consideration and allowance of all claims.

Remarks regarding the objections and rejections in the Action:

A. The abstract is objected to.

The Examiner objected to the Abstract because of brackets.

The amended Abstract has been provided.

B. Claims are rejected under 35 USC 112.

The Examiner rejected Claims 5 and 11 under 35 USC §112, first paragraph, as failing to comply with the enablement requirement.

This rejection is moot in view of cancellation of the claims.

C. Claims are rejected under 35 USC 102

Docket No.: 132446
Serial No.: 10/605,909

The Examiner rejects Claim 6, 12 and 13 under 35 USC 102(b) as being anticipated by either one of Pletcher (2,071,472) or Phillips (675,840).

This rejection is moot in view of cancellation of the claims.

D. Claims are rejected under 35 USC 103

The Examiner rejects Claims 5-11 under 35 USC 103(a) as being unpatentable over Kondo (6,386,948) in view of Goldsmith et al or Fusaro, Jr., and Claims 1, 2, 4 and 10 under 35 USC 103(a) as being unpatentable over Kondo (6,386,948) in view of Pletcher or Phillips.

These rejections are moot in view of cancellation of the claims.

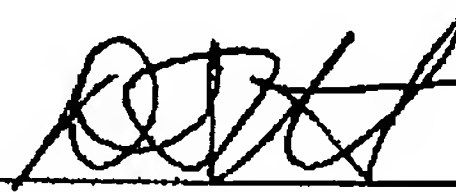
E. Conclusion

It is believed that the above represents a complete response to the Examiner's rejections and places the application in condition for allowance.

Applicants would appreciate a telephone call should the Examiner have any questions or comments with respect to this response.

Respectfully submitted,

By:


Daniel F. Nesbitt
Attorney for Applicants
Registration No. 33,746
(513) 229-0383 x104
Customer Number 31838

Date:

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